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TI Styrene-based flame-resistant resin compositions

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PA Asahi Chemical Ind, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

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AB	Title compns. contain (A) styrene (I)-based resins 100, (B) halogen-contg. arom. diol ethers (wt.-av. mol. wt. 500-10,000) 2-18, (C) polyhalogenated diphenylalkanes II (X = Br, Cl; l, m = 0-5; l = m .noteq. 0; R = C _n H _{2n} ; n = 1-10) 2-16, (D) Sb ₂ O ₃ 1-10, and (E) polytetrafluoroethylene (III) 0.01-0.5 part (B + C = 12-21 parts). Thus, I-based resin 100, EC 14 (brominated bisphenol A epoxy resin) 2, Saytex 8010 (brominated diphenylethane) 10, Sb ₂ O ₃ 5, and III 0.05 parts were melt kneaded and injection molded to give test pieces showing Izod impact strength 10 kg-cm/cm and melt flow rate 8 g/10 min.				